**Fig.1**

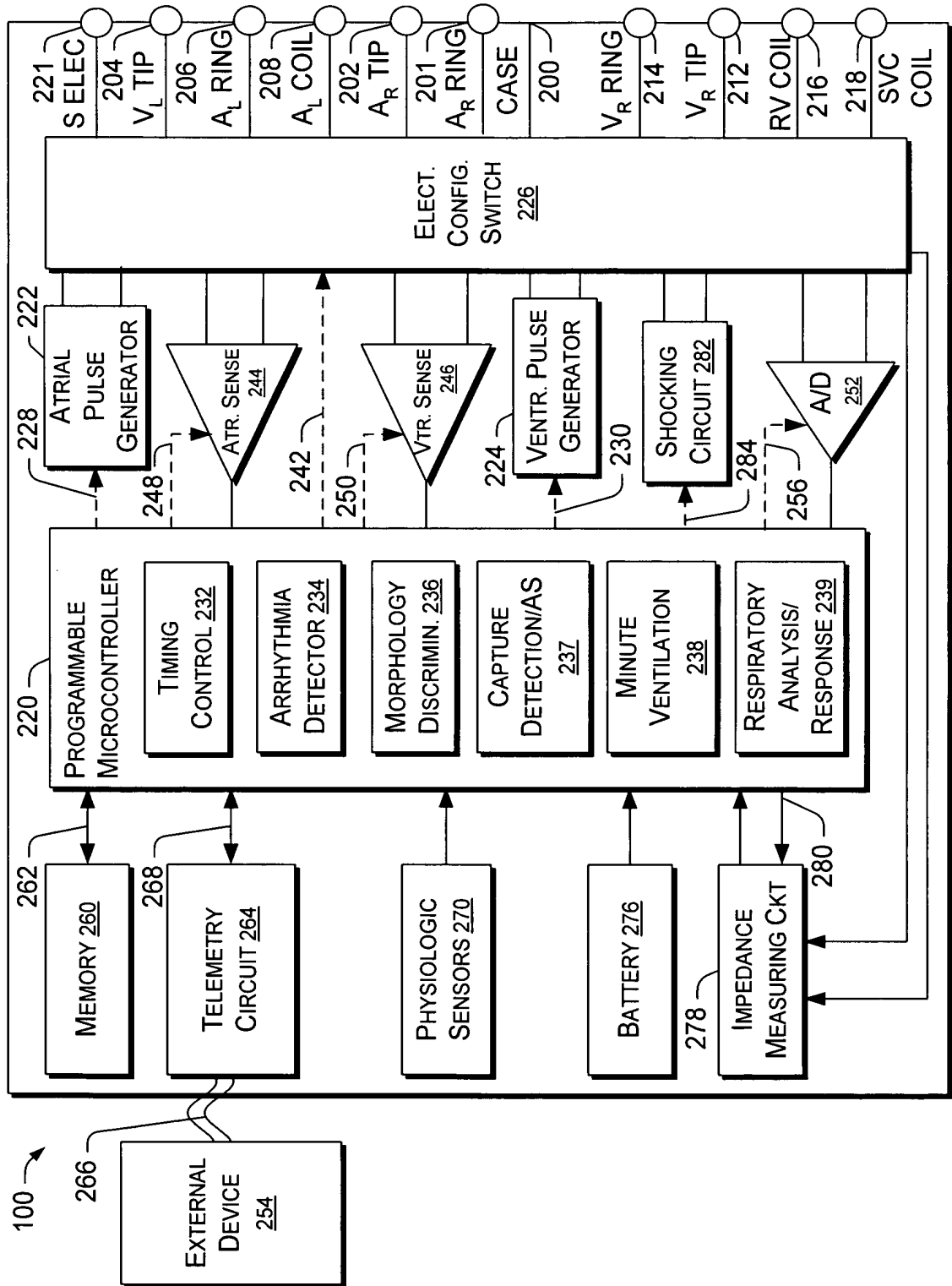


Fig. 2

EXEMPLARY FLOW PATTERNS  
300

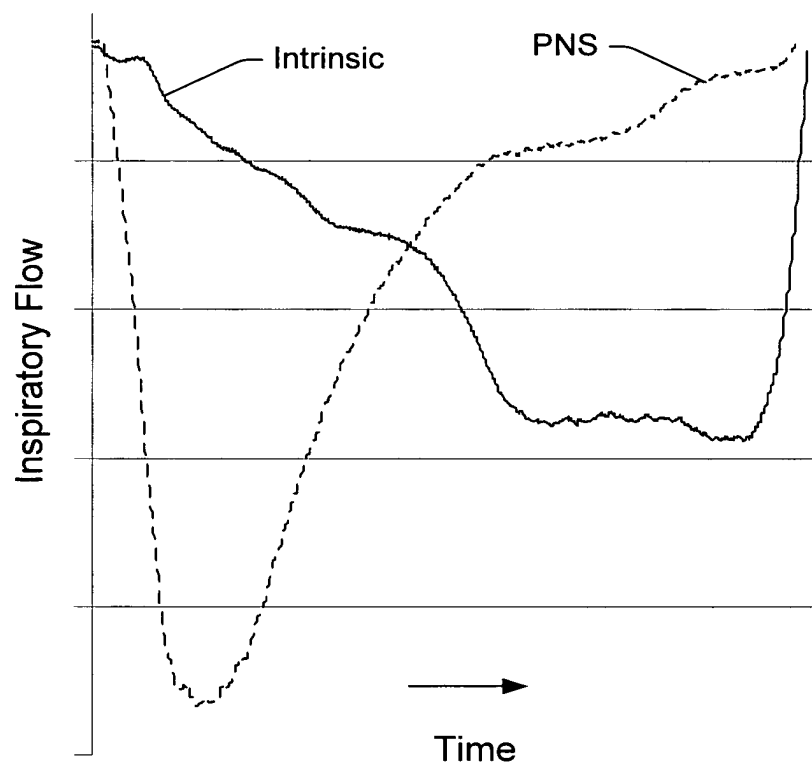


Fig.3

## EXEMPLARY INSPIRATORY DATA

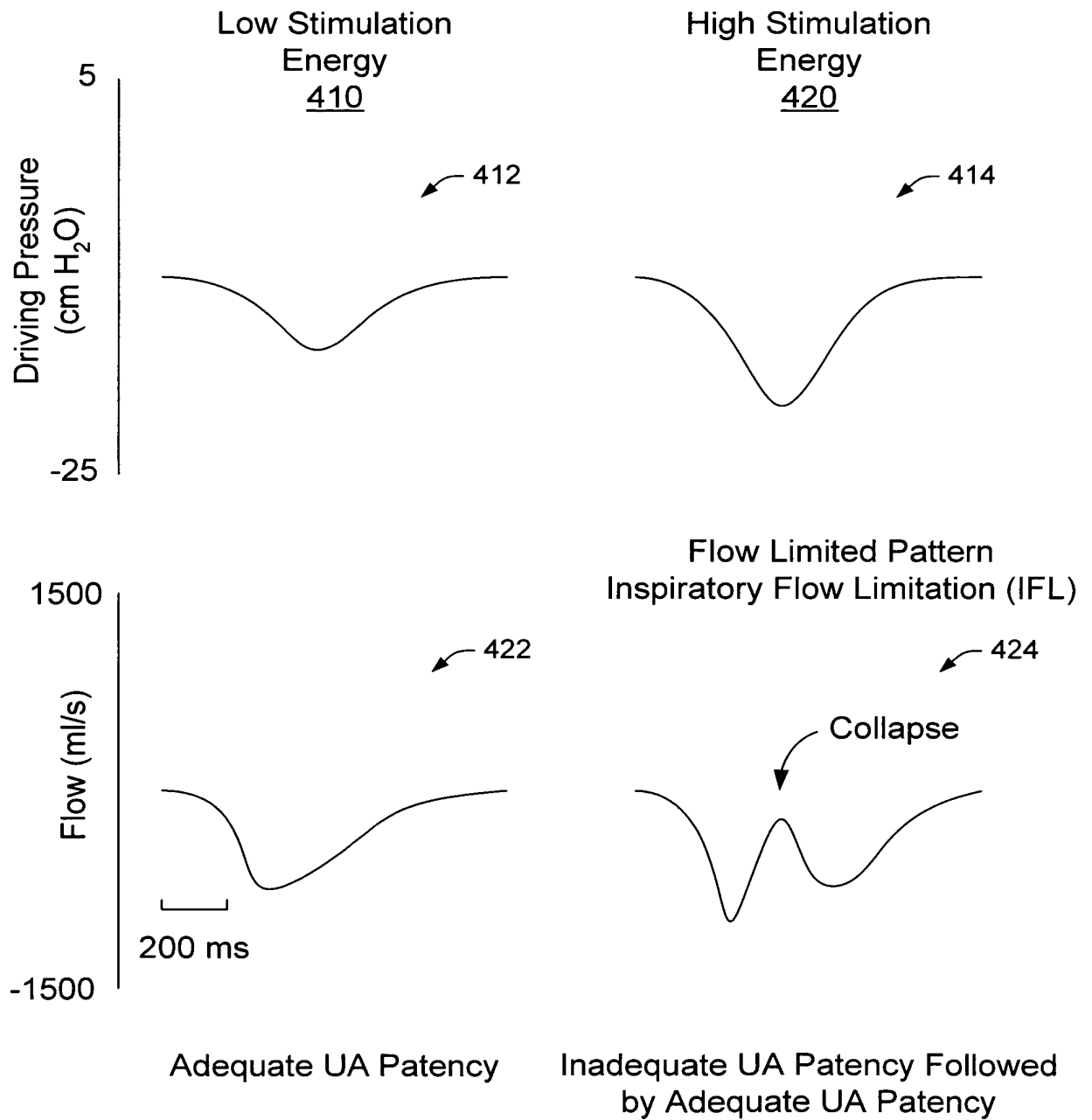
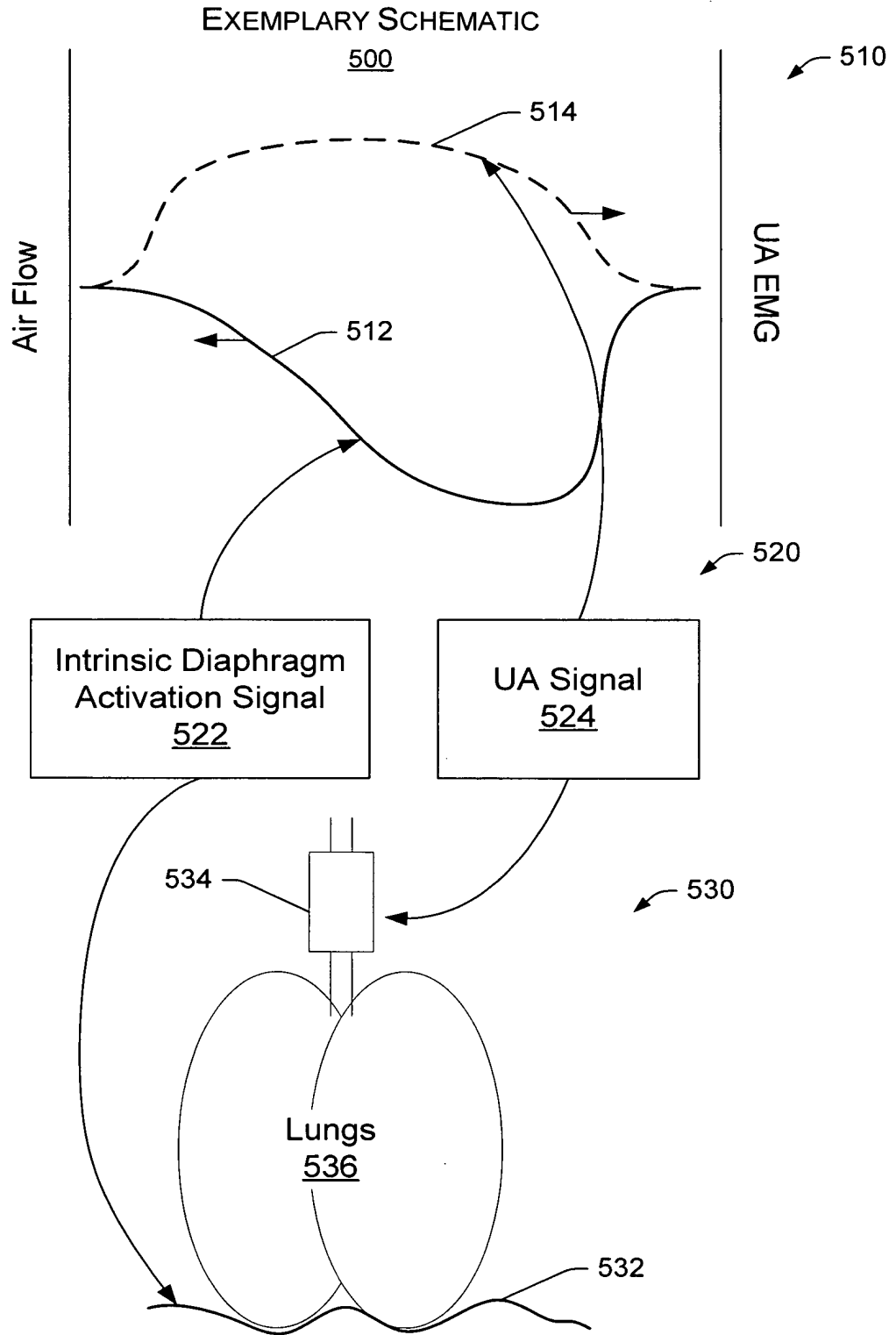
400

Fig.4





EXEMPLARY METHOD  
700

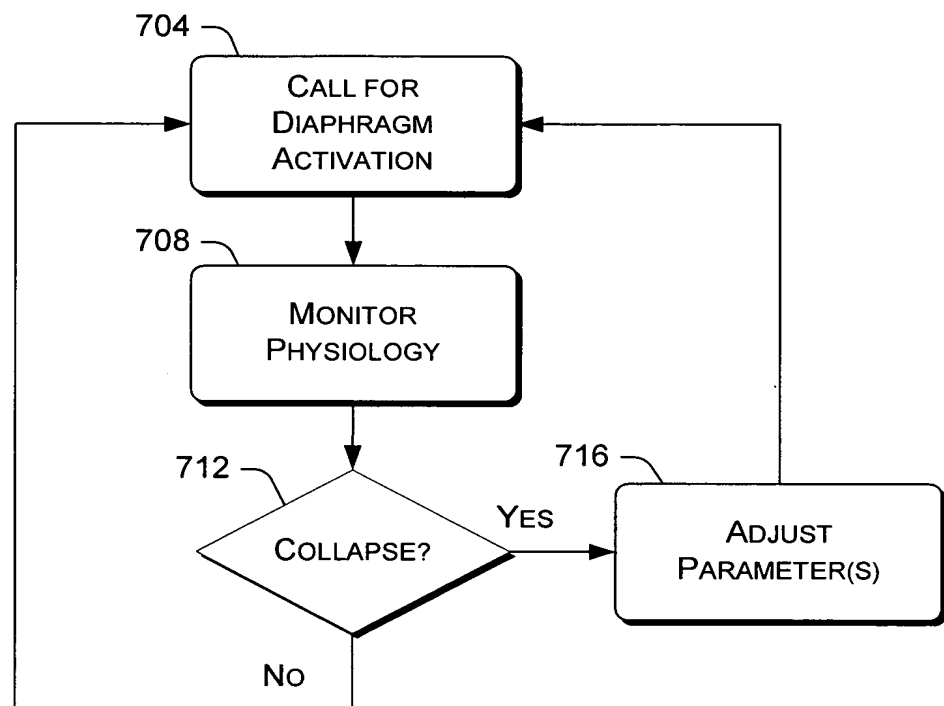


Fig.7

## EXEMPLARY METHOD

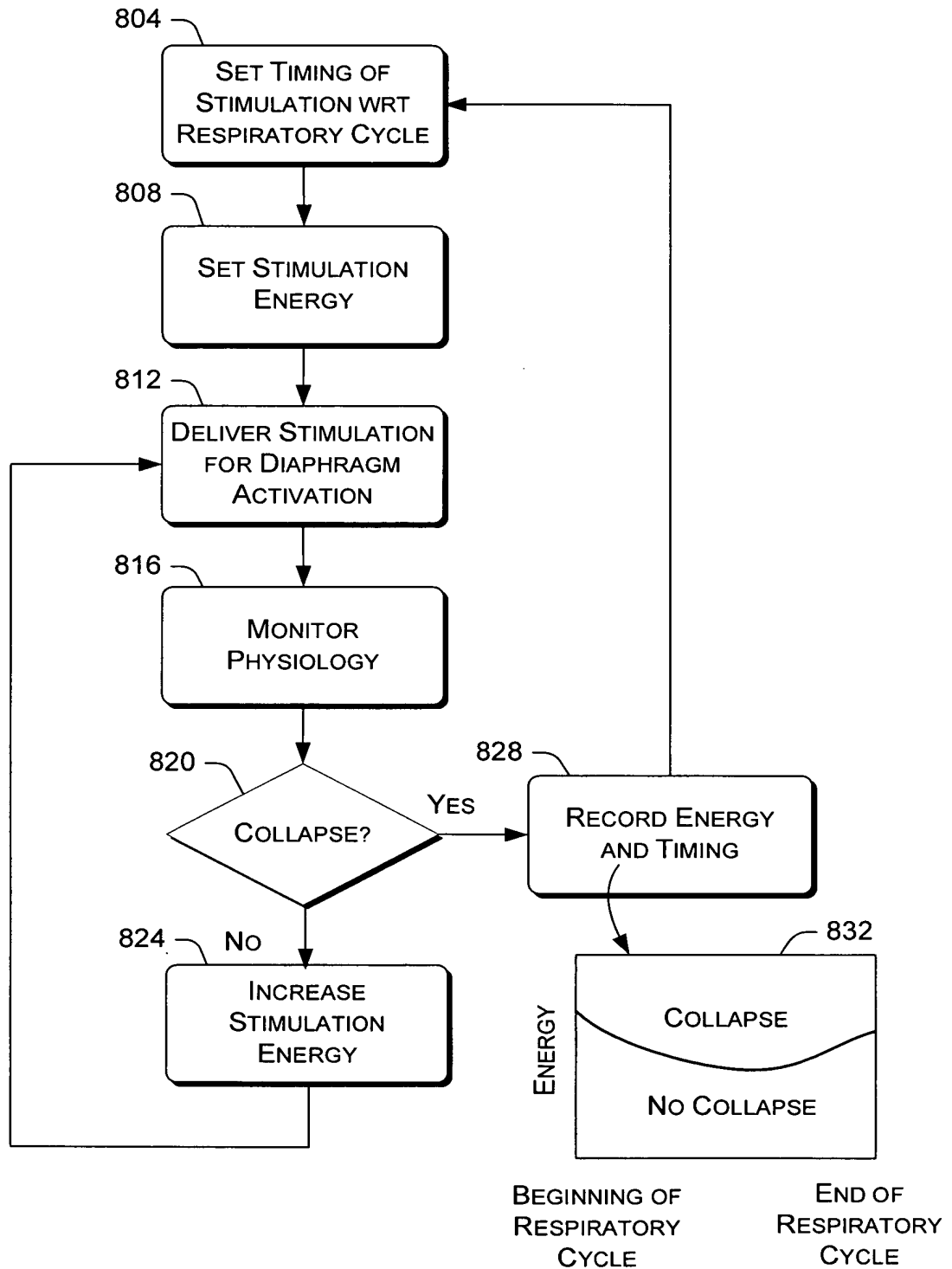
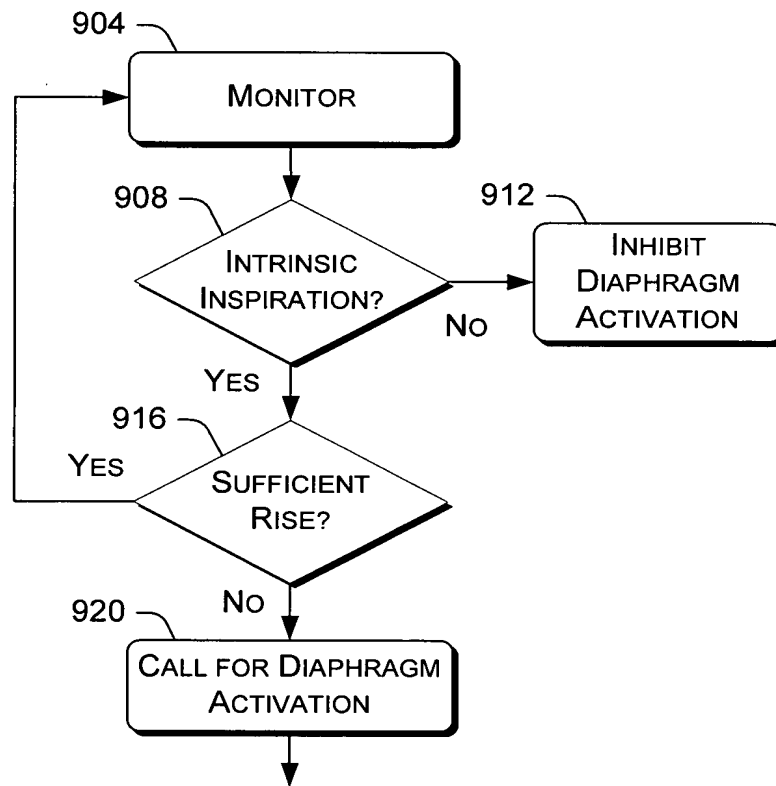
800

Fig.8



EXEMPLARY METHOD  
900



OPTIONALLY TO  
EXEMPLARY METHOD 700

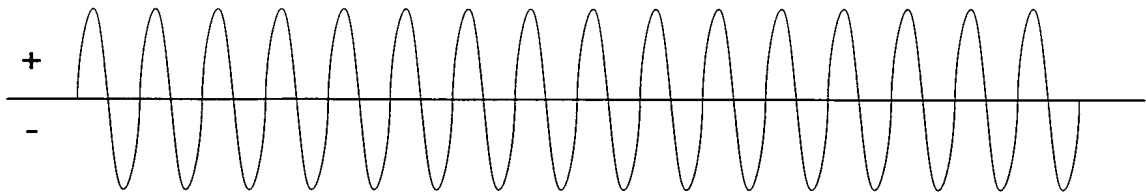
Fig.9

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# RESPIRATORY CYCLES

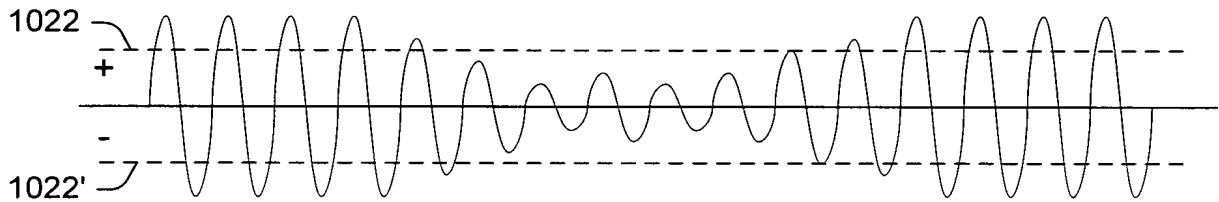
1000

1010 →



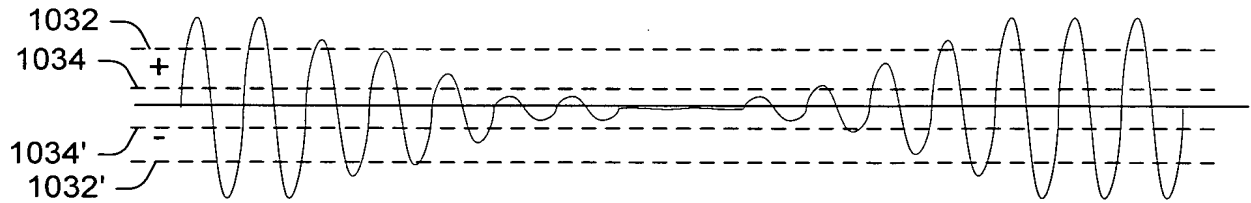
FLOW VERSUS TIME

1020 →



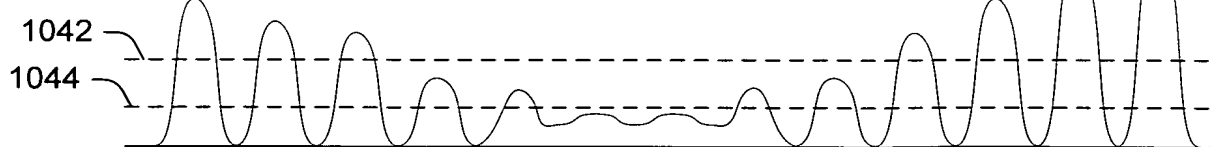
FLOW VERSUS TIME

1030 →



FLOW VERSUS TIME

1040 →



VOLUME VERSUS TIME

Fig.10

EXEMPLARY SCENARIO

1100

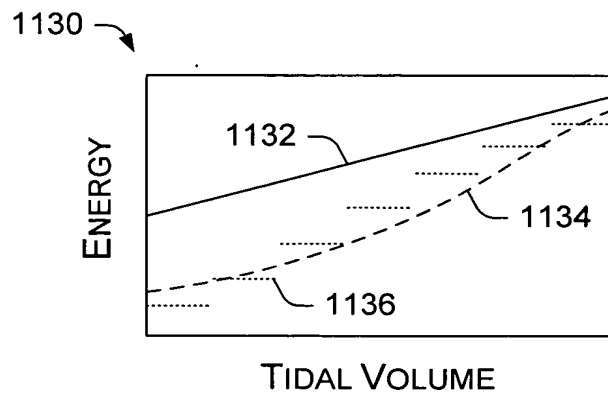
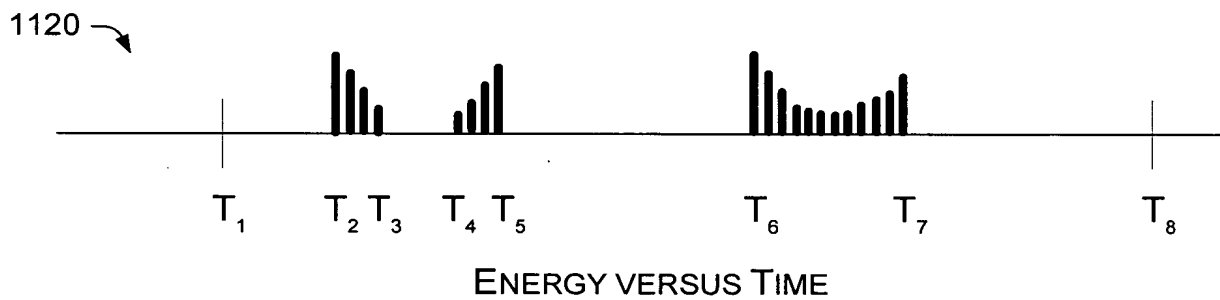
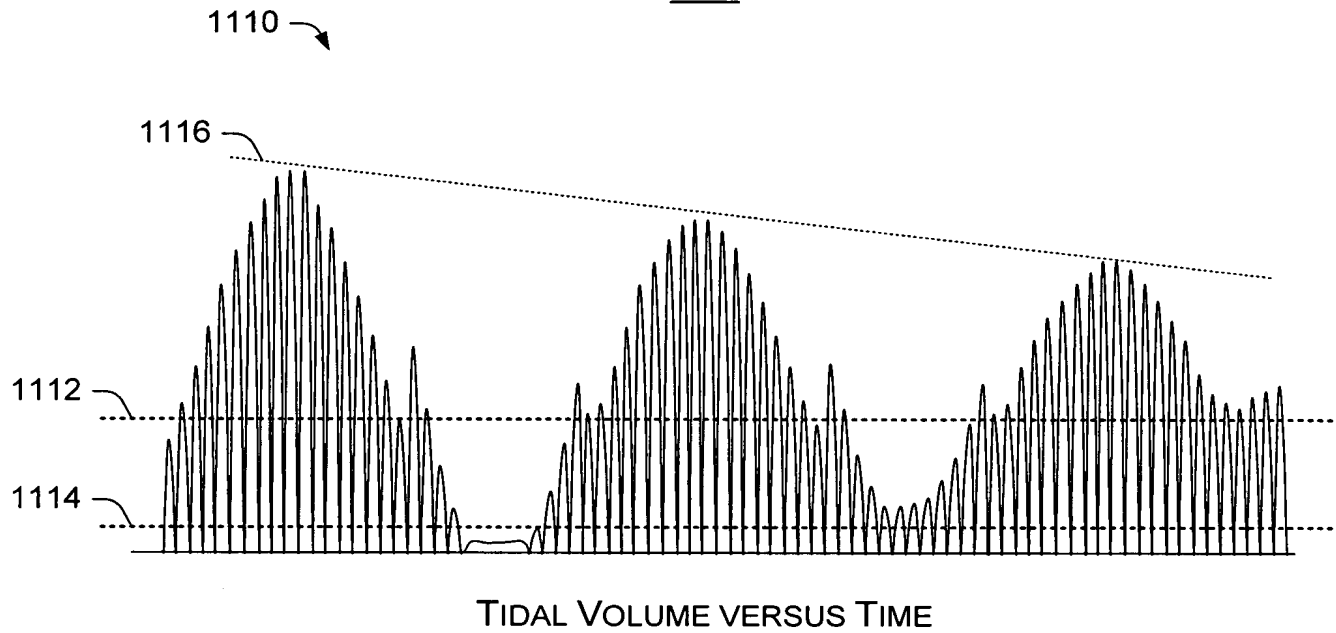


Fig.11

EXEMPLARY METHOD  
1200

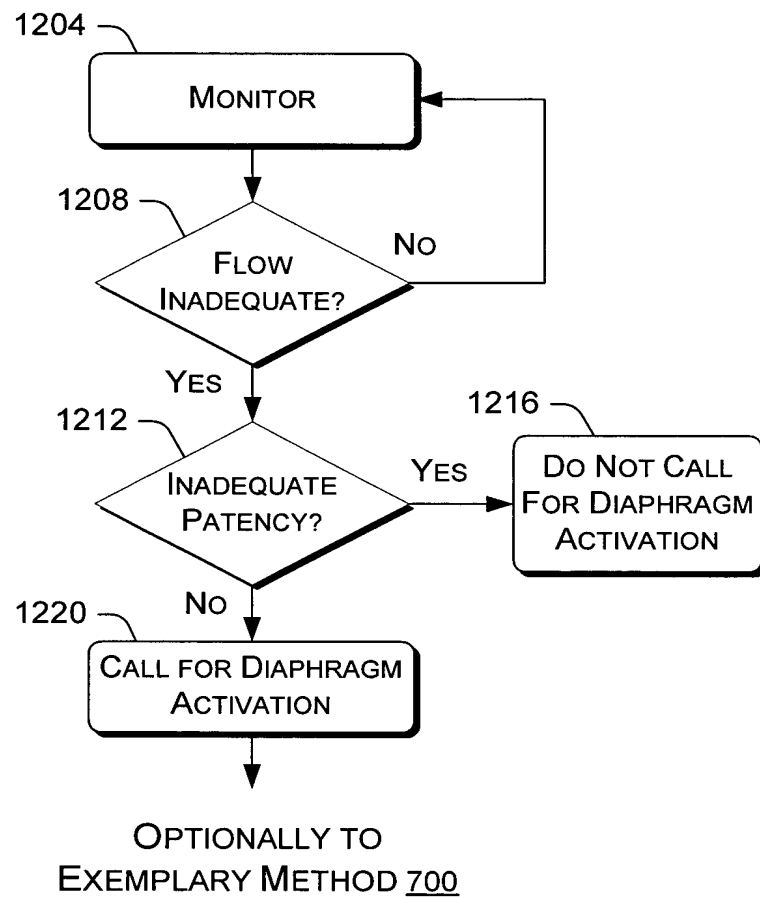
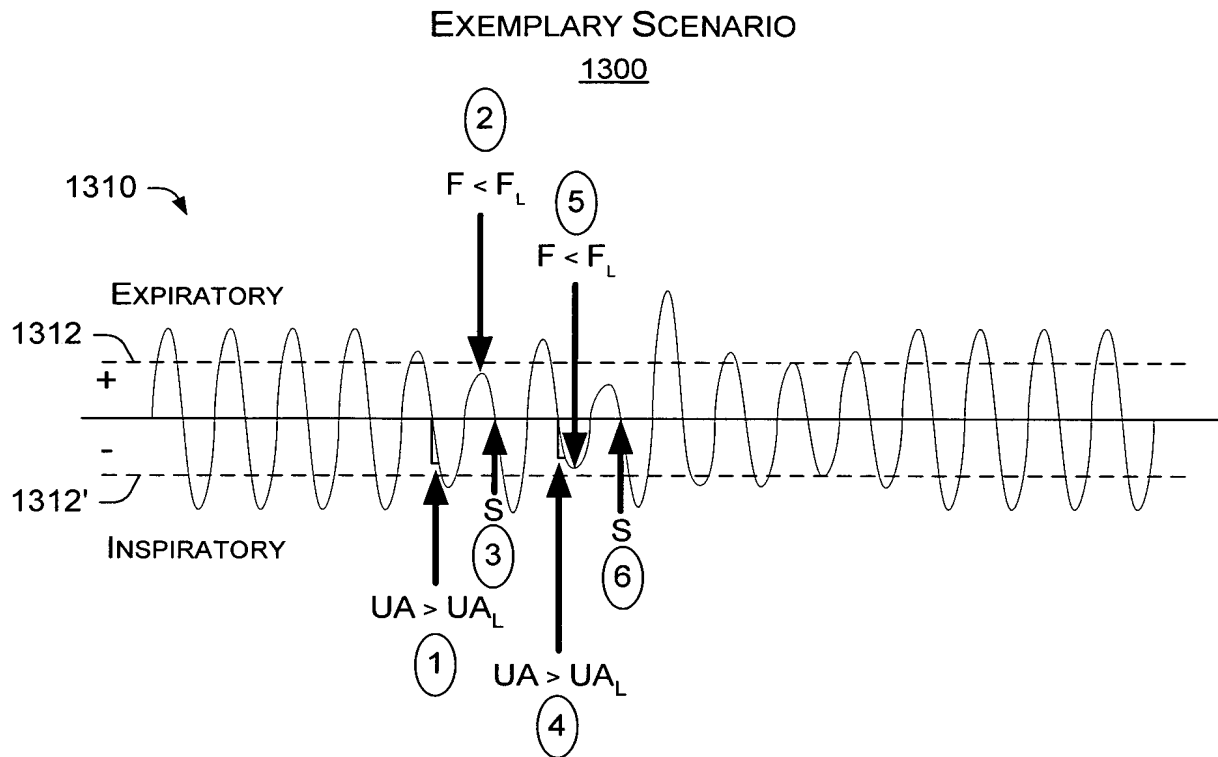


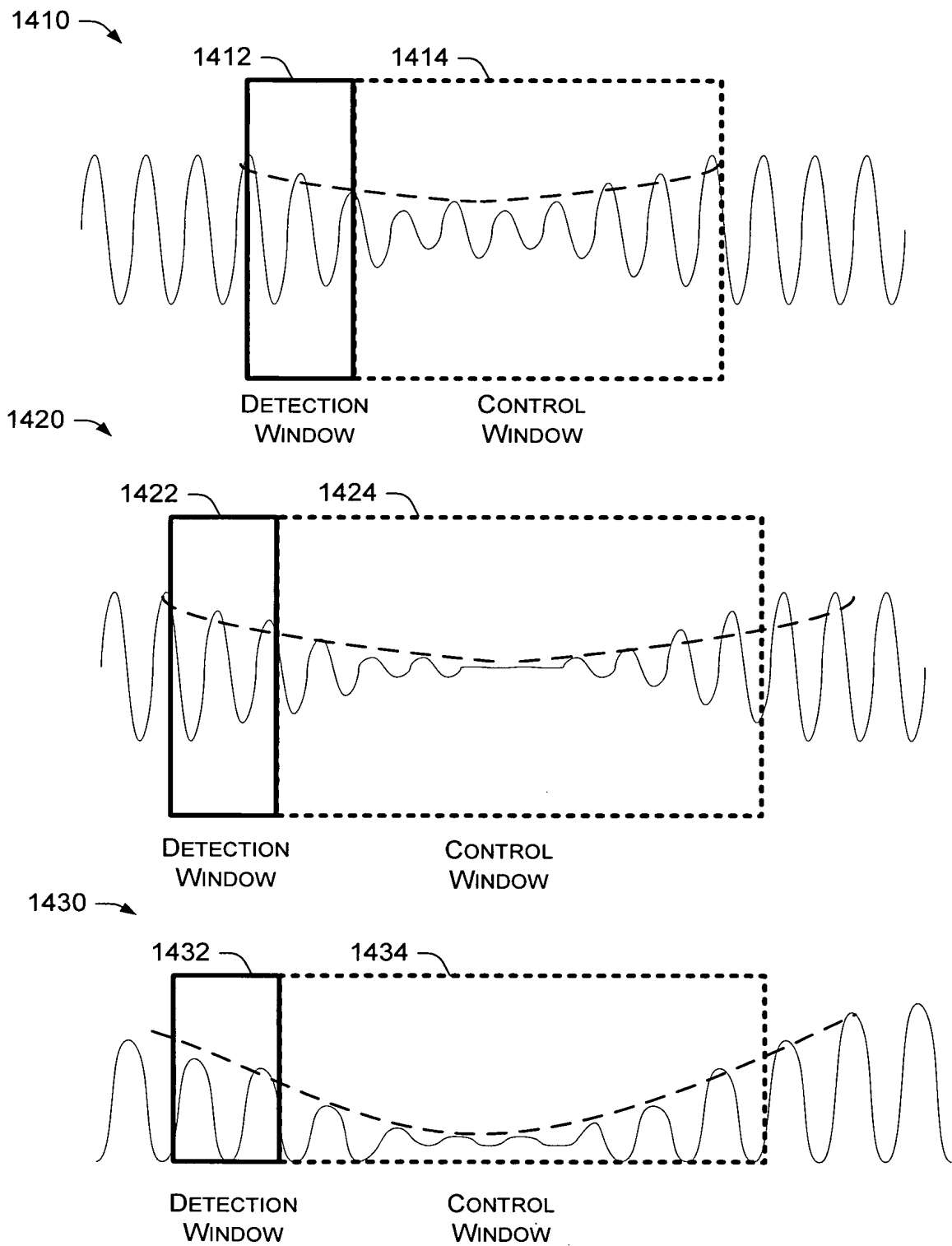
Fig.12



- (1)  $UA > UA_L$  INDICIA OF ADEQUATE UA PATENCY
- (2)  $F > F_L$  INDICIA OF INADEQUATE FLOW (MAX, AREA, ETC.)
- (3) DELIVER STIMULATION AT END OF EXPIRATION
- (4)  $UA > UA_L$  INDICIA OF ADEQUATE UA PATENCY
- (4)' DELIVER STIMULATION TO IMMEDIATELY AUGMENT (OPTIONAL)
- (5)  $F > F_L$  INDICIA OF INADEQUATE FLOW (MAX, AREA, ETC.)
- (6) DELIVER STIMULATION AT END OF EXPIRATION

# Fig.13

## EXEMPLARY SCENARIOS

1400**Fig.14**